Request ___ Jon Delord ACCESS DB #____ UZZGU PLEASE PRINT CLEARLY

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Scientific and Technical Information Center

SEARCH REQUEST FORM

C 1		ZOEST FORM		
Requester's Full Name: School	the Ozz	Examiner # : 74	/4/ Date: "	8/11/05
Art Unit: 1616 Phone	Number: 2-0622	Serial Number	er: 10/650	326
Art Unit: 1616 Phone Location (Bldg/Room#): 4A45	(Mailbox #): <u>4 C 70</u> ***************	Results Format Prefe	rred (orcle): PAF	ER) DISK
To ensure an efficient and quality search,				
Title of Invention: New V2	t i derival	lives		
Inventors (please provide full names):	Kirsch	et I		
Earliest Priority Date: 4/30/	1391. D	in 2 45 1	Part 6 64) (6
Search Topic:		+	, 5,07	78
Please provide a detailed statement of the se- elected species or structures, keywords, syno Define any terms that may have a special me				ched. Include the of the invention.
For Sequence Searches Only Please incluappropriate serial number.				s) along with the
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Tate Completed: NITLOS	Litigation	Commercial	Oligomer	_Score/Length : .
earcher Prep & Review Time:	Fulltext		Other (specify)	•
nline Time: tleo	Other ·		8	• • • •

=> fil reg FILE 'REGISTRY' ENTERED AT 07:39:24 ON 17 AUG 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: . 16 AUG 2005 HIGHEST RN 860495-66-5 DICTIONARY FILE UPDATES: 16 AUG 2005 HIGHEST RN 860495-66-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

* The CA roles and document type information have been removed from *

* the IDE default display format and the ED field has been added, *

* effective March 20, 2005. A new display format, IDERL, is now *

* available and contains the CA role and document type information. *

*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=> d sta que 126 L16 STR

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GRAPH ATTRIBUTES:

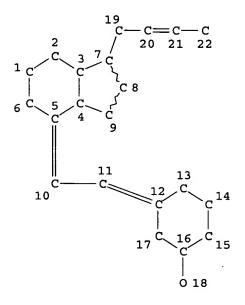
RSPEC 12 5

NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

L17 8760 SEA FILE=REGISTRY SSS FUL L16

L18 STR



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RSPEC 12 5

NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE

L20 2256 SEA FILE=REGISTRY SUB=L17 SSS FUL L18

L24 STR

370 ANSWERS

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GRAPH ATTRIBUTES:

RSPEC 7 12

NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE

L26 370 SEA FILE=REGISTRY SUB=L20 SSS FUL L24

100.0% PROCESSED 2256 ITERATIONS

SEARCH TIME: 00.00.01

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L1 1 S (US20050080058 OR US6600058 OR US6613920 OR US6642218 OR US20

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L2 50 S E3, E4

E KIRSCH G/AU

L3 152 S E3-E5, E11

E NEEF G/AU

L4 186 S E3, E5-E7

E SCHWARZ K/AU

L5 443 S E3-E14, E42, E43

E THIEROFF E/AU

L6 27 S E4-E7

E ECKERDT/AU

E EKERDT/AU

L7 6 S E9

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L29
              2 S L28 AND C3/ES
L30
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L35
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L37
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L38
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L39
              7 S L36 AND (STEINMEYER ? OR KIRSCH ? OR NEEF ? OR SCHWARZ ? OR T
L40
              5 S L37 AND L38, L39
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L51
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L52
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=> fil uspatful
FILE 'USPATFULL' ENTERED AT 07:39:42 ON 17 AUG 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 16 Aug 2005 (20050816/PD)
FILE LAST UPDATED: 17 Aug 2005 (20050817/ED)
HIGHEST GRANTED PATENT NUMBER: US6931661
HIGHEST APPLICATION PUBLICATION NUMBER: US2005177917
CA INDEXING IS CURRENT THROUGH 17 Aug 2005 (20050817/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 16 Aug 2005 (20050816/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2005
>>> USPAT2 is now available. USPATFULL contains full text of the
                                                                       <<<
>>> original, i.e., the earliest published granted patents or
                                                                       <<<
>>> applications. USPAT2 contains full text of the latest US
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>>> publications, starting in 2001, for the inventions covered in
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>>> USPATFULL. A USPATFULL record contains not only the original
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>>> published document but also a list of any subsequent
                                                                       <<<
>>> publications. The publication number, patent kind code, and
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>>> publication date for all the US publications for an invention
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>>> are displayed in the PI (Patent Information) field of USPATFULL
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>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.
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>>> USPATFULL and USPAT2 can be accessed and searched together
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This file contains CAS Registry Numbers for easy and accurate substance identification.

the earliest to the latest publication.

>>> classifications, or claims, that may potentially change from

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L52 ANSWER 1 OF 4 USPATFULL on STN
       2005:93380 USPATFULL
AN
ΤI
       New vitamin D derivatives with carbo-or heterocyclic substituents at
       C-25, a process for their production, intermediate products and their
       use for producing medicaments
       Steinmeyer, Andreas, Berlin, GERMANY, FEDERAL REPUBLIC OF
IN
         Kirsch, Gerald, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Neef, Gunter, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Schwarz, Katica, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Thieroff-Ekerdt, Ruth, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Wiesinger, Herbert, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Haberey, Martin, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Fahnrich, Marianne, Berlin, GERMANY, FEDERAL REPUBLIC OF
PA
       Schering Aktiengesellschaft Patents, Berlin, GERMANY, FEDERAL
       REPUBLIC OF (non-U.S. corporation)
PΙ
       US 2005080058
                               20050414
                          A1
ΑI
       US 2003-658326
                          A1
                               20030910 (10)
       Division of Ser. No. US 1998-180018, filed on 11 Dec 1998, GRANTED, Pat.
RLI
       No. US 6642218
PRAI
       DE 1996-19619036
                           19960430
                                                                     <---
DT
       Utility
FS
       APPLICATION
       MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE
LREP
       1400, ARLINGTON, VA, 22201, US
CLMN
       Number of Claims: 25
ECL
       Exemplary Claim: 1-10
DRWN
       No Drawings
LN.CNT 3068
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB
       Compounds of Formula I,
                                  ##STR1##
                                             wherein Y.sub.1, Y.sub.2,
       R.sub.1-R.sub.6, Q and Z are as defined herein, are vitamin D
       derivatives. These compounds are useful for, e.g., the treatment
       hyperprolifierative diseases of the skin, tumor diseases and
       precancerous stages, auto-immune diseases, rejection reactions in the
       case of autologous, allogenic or xenogenic transplants, AIDS, atopic
       skin conditions, secondary hyperparathyroidism, renal osteodystrophia,
       senile and postmenopausal osteoporosis, diabetes mellitus type II,
       degenerative diseases of the peripheral and central nervous system,
       hypercalcemias, granulomatous diseases, paraneoplastic hypercalcemias,
       hypercalcemias in hyperparathyroidism, hirsutism, ateriosclerosis,
       and/or inflammatory diseases.
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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      198758-96-2P 198759-04-5P 198759-06-7P
      198759-07-8P 198759-08-9P 198759-14-7P
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        (preparation of new vitamin D derivs. with carbo- or heterocyclic
        substituents at C-25)
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        substituents at C-25)
   198758-90-6P
        (preparation of new vitamin D derivs. with carbo- or heterocyclic
        substituents at C-25)
RN
     198758-90-6 USPATFULL
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CN
       oxazolyl)cyclopropyl}-, (1\alpha, 3\beta, 5Z, 7E, 22E, 24S)- (9CI) (CA
       INDEX NAME)
       Absolute stereochemistry.
       Double bond geometry as shown.
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ANSWER 2 OF 4 USPATFULL on STN
L52
AN
       2003:234856 USPATFULL
ΤI
       Vitamin D derivatives with carbo- or heterocyclic substituents at C-25,
       process for their production, intermediate products and use for the
       production of pharmaceutical agents
IN
       Steinmeyer, Andreas, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Kirsch, Gerald, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Neef, Gunter, Berlin, GERMANY, FEDERAL REPUBLIC OF
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         Thieroff-Ekerdt, Ruth, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Wiesinger, Herbert, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Haberey, Martin, Berlin, GERMANY, FEDERAL REPUBLIC OF
         Fahnrich, Marianne, Berlin, GERMANY, FEDERAL REPUBLIC OF
PA
       Schering Aktiengesellschaft, Berlin, GERMANY, FEDERAL REPUBLIC
       OF (non-U.S. corporation)
PΙ
       US 6613920
                               20030902
                          В1
ΑI
       US 2000-695091
                               20001025 (9)
RLI
       Division of Ser. No. US 180018
PRAI
       DE 1996-19619036
                           19960430
                                                                     < - -
DT
       Utility
FS
       GRANTED
EXNAM
       Primary Examiner: Qazi, Sabiha
       Millen, White, Zelano, Branigan, P.C.
LREP
CLMN
       Number of Claims: 26
ECL
       Exemplary Claim: 1
DRWN
       0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 3329
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB
       The invention relates to vitamin D derivatives of formula (I), processes
       for the production thereof and uses thereof: ##STR1##
       wherein Y.sub.1, Y.sub.2, R.sub.1--R.sub.6, Q and Z are as defined
       herein.
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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      198758-96-2P 198759-04-5P 198759-06-7P
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        Absolute stereochemistry.
        Double bond geometry as shown.
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EXNAM
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       Millen, White, Zelano & Branigan, P.C.
LREP
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       Number of Claims: 27
ECL
       Exemplary Claim: 1
DRWN
       0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 3186
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       The invention concerns new vitamin D derivatives of general formula (I)
AB
       a process for their production, their use for production of medicaments,
       and intermediate products used in the process. ##STR1##
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        substituents at C-25)
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        (preparation of new vitamin D derivs. with carbo- or heterocyclic
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       oxazolyl)cyclopropyl]-, (1\alpha, 3\beta, 5Z, 7E, 22E, 24S)- (9CI) (CA
       INDEX NAME)
       Absolute stereochemistry.
       Double bond geometry as shown.
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jan delaval - 17 august 2005

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L52
    ANSWER 4 OF 4 USPATFULL on STN
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       1400, ARLINGTON, VA, 22201
CLMN
       Number of Claims: 10
ECL
       Exemplary Claim: 1
DRWN
       No Drawings
LN.CNT 3651
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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       a process for their production, their use for production of medicaments,
       and intermediate products used in the process. ##STR1##
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       INDEX NAME)
       Absolute stereochemistry.
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Double bond geometry as shown.

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L46 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:740204 HCAPLUS

DN 128:3826

ED Entered STN: 24 Nov 1997

TI Process for the production of new vitamin D derivatives with carbo- or heterocyclic substituents at C-25 and their intermediates

IN Steinmeyer, Andreas; Kirsch, Gerald; Neef, Guenter; Schwarz, Katica; Thieroff-Ekerdt, Ruth; Wiesinger, Herbert; Haberey, Martin; Fahnrich, Marianne

PA Schering Aktiengesellschaft, Germany

SO PCT Int. Appl., 133 pp. CODEN: PIXXD2

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     CASREACT 128:3826; MARPAT 128:3826
GΙ
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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention concerns a process for the production of new vitamin D derivs. I [Y1 = H, OH, alkanoyloxy, aroyloxy; Y2 = H, alkanoyl, aroyl; R1, R2 = H; R1R2 = CH2; R3, R4 = H, Cl, F, alkyl; R3R4 = CH2; R3(C-20)R4 = carbocyclic ring; Q = alkyl chain containing an α - or β -OH, ether, ester, amino group, keto group or halogen; R5, R6 = H, Cl, F, CF3, (un)saturated alkyl; R5(C-25)R6 = (un)saturated carbocyclic ring; Z = (un)substituted, (un)saturated or

aromatic 5-, 6-membered carbo-, heterocyclic ring], the intermediates used in the process, and the production of medicaments. Thus, vitamin D analog II was prepared via condensation of aldehyde III with IV, followed by deprotection. II had competition factor of 2 vs. calcitriol towards receptor binding and dose relation for differentiation induction in HL 60 cells of 1.9 vs. calctriol.

- ST vitamin D carbocyclic heterocyclic analog prepn
- IT Antitumor agents

(preparation of new vitamin D derivs. with carbo- or heterocyclic substituents at C-25)

IT Steroids, preparation

Vitamins

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of new vitamin D derivs. with carbo- or heterocyclic substituents at C-25)

IT Vitamin D receptors

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(preparation of new vitamin D derivs. with carbo- or heterocyclic substituents at C-25)

IT 7440-70-2, Calcium, biological studies

RL: ADV (Adverse effect, including toxicity); BIOL (Biological study) (hypercalcemia; induction; preparation of new vitamin D derivs. with carbo-or heterocyclic substituents at C-25)

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BIOL (Biological study); PREP (Preparation); USES (Uses)
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4-Isopropylbenzaldehyde
816-40-0, 1-Bromo-2-butanone
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                     2637-34-5, 2-Mercaptopyridine
4-Butylbenzaldehyde
                                                      4009-98-7,
(Methoxymethyl)triphenylphosphonium chloride
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                                             198759-15-8P,
     1-Acetyl-1-(4-methylphenyl)cyclopropane 198759-16-9P,
     \alpha-(4-Isopropylphenyl)acrolein 198759-17-0P, 3-(4-Isopropylphenyl)-
                   198759-18-1P, 3-(4-Isopropylphenyl)-3-buten-2-one
     3-buten-2-ol
     198759-19-2P, 1-Acetyl-1-(4-isopropylphenyl)cyclopropane 198759-20-5P,
     (4-Butylphenyl) acetaldehyde 198759-21-6P, \alpha-(4-
     Butylphenyl)acrolein 198759-22-7P, 3-(4-Butylphenyl)-3-buten-2-ol
     198759-23-8P, 3-(4-Butylphenyl)-3-buten-2-one 198759-24-9P,
     1-Acetyl-1-(4-butylphenyl)cyclopropane 198759-25-0P
                                                            198759-26-1P
     198759-27-2P 198759-28-3P 198759-30-7P
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     198759-32-9P 198759-33-0P
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                                                198759-36-3P
     198759-37-4P 198759-38-5P
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                                                198759-41-0P
     198759-42-1P, 2-(1-Bromocyclopropyl)-4-methyloxazole
                                                           198759-43-2P
     198759-44-3P
                  198759-45-4P, 2-(1-Bromocyclopropyl)-4-ethyloxazole
     198759-46-5P, 2-(1-Bromocyclopropyl)-4-propyloxazole 198759-47-6P
     198759-51-2P
                  198759-52-3P, 2-(1-Bromocyclopropyl)-5-butyloxazole
     198759-54-5P, 2-(1-Bromocyclopropyl)-5-butylthiazole
                                                           198759-55-6P,
     2-(1-Bromocyclopropyl)-5-ethylthiazole 198759-56-7P
     198759-59-0P
                  198759-62-5P, S-(2-Pyridyl) 1-bromocyclopropanethiocarboxyl
                        198759-65-8P, 1-Bromo-1-(2-pyridyl)cyclopropane
          198759-64-7P
     198759-67-0P
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     1-Bromo-N-(2-oxobutyl)cyclopropanecarboxamide
                                                     198759-94-3P,
     1-Bromo-N-(2-oxoheptyl)cyclopropanecarboxamide 198759-95-4P
     198760-00-8P 198760-05-3P
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RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of new vitamin D derivs. with carbo- or heterocyclic substituents at C-25)

IT 198758-90-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of new vitamin D derivs. with carbo- or heterocyclic substituents at C-25)

RN 198758-90-6 HCAPLUS

CN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-propyl-2-oxazolyl)cyclopropyl]-, $(1\alpha,3\beta,5Z,7E,22E,24S)$ - (9CI) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.

=> fil reg

FILE 'REGISTRY' ENTERED AT 07:40:42 ON 17 AUG 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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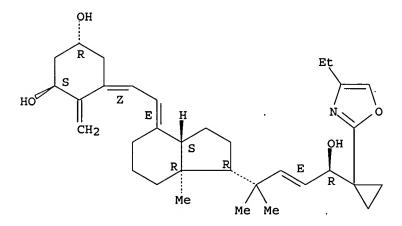
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=> => d scan 141

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(4-ethyl-2-oxazolyl)cyclopropyl]-20-methyl-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C33 H47 N O4

Absolute stereochemistry.

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

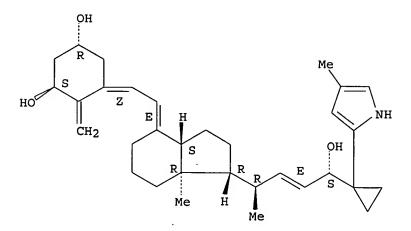
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L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-[(4R)-4,5-dihydro-4-propyl-2-oxazolyl]cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C33 H49 N O4

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(4-methyl-1H-pyrrol-2-yl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24S)- (9CI)
MF C32 H45 N O3

Absolute stereochemistry.

Double bond geometry as shown.

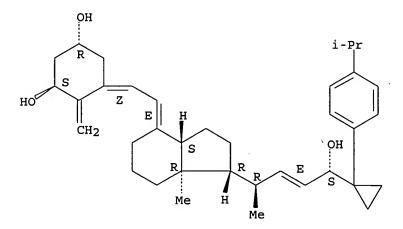


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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IN 9,10-Secochola-5,7,10(19),22-tetraen-24-ol, 1,3-bis[[(1,1-dimethylethyl)dimethylsilyl]oxy]-24-[1-(2-pyridinyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C44 H71 N O3 Si2

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-[4-(1-methylethyl)phenyl]cyclopropyl]-, (1α,3β,5Z,7E,22E,24S)- (9CI)
MF C36 H50 O3

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(4-butyl-2-thiazolyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24S)- (9CI)
MF C34 H49 N O3 S

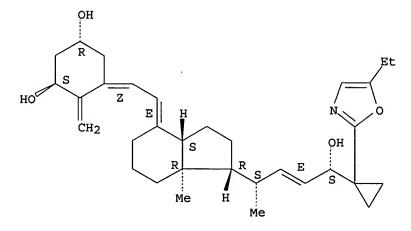
L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-ethyl-2-oxazolyl)cyclopropyl]-, (1α,3β,5Z,7E,20S,22E,24S)- (9CI)

MF C32 H45 N O4

Absolute stereochemistry.

Double bond geometry as shown.



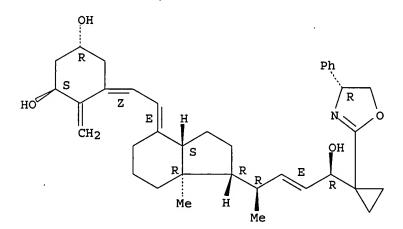
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-ethyl-1,3,4-oxadiazol-2-yl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C31 H44 N2 O4

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-[(4R)-4,5-dihydro-4-phenyl-2-oxazolyl]cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C36 H47 N O4

Absolute stereochemistry.

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(2-pyridinyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24S)- (9CI)
MF C32 H43 N O3

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IN 27-Nor-9,10-secocholesta-5,7,10(19),22-tetraen-24-one,
 1,3-bis[[(1,1-dimethylethyl)dimethylsilyl]oxy]-26-[1-(2-propyl-1,3-dioxolan-2-yl)cyclopropyl]-, (1α,3β,5Z,7E,22E)- (9CI)
MF C47 H80 O5 Si2

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(4-methyl-2-oxazolyl)cyclopropyl]-, (1α,3β,5Z,7E,20S,22E,24S)- (9CI)
MF C31 H43 N O4

Absolute stereochemistry.

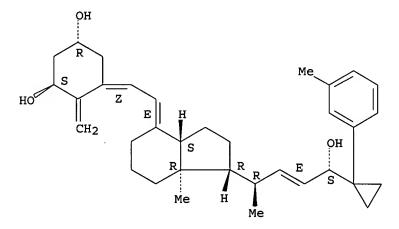
Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(3-methylphenyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24S)- (9CI)
MF C34 H46 O3

Absolute stereochemistry.

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-butyl-2-thienyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24S)- (9CI)
MF C35 H50 O3 S

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IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-ethyl-2-oxazolyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C32 H45 N O4

Absolute stereochemistry.

Double bond geometry as shown.

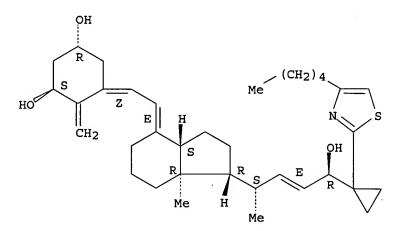
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-butyl-2-oxazolyl)cyclopropyl]-, tribenzoate (ester), (1α,3β,5Z,7E,22E,2 4S)- (9CI)
MF C55 H61 N O7

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(4-pentyl-2-thiazolyl)cyclopropyl]-, (1α,3β,5Z,7E,20S,22E,24R)- (9CI)
MF C35 H51 N O3 S

Absolute stereochemistry.

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(6-ethyl-2-pyridinyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C34 H47 N O3

Absolute stereochemistry.

Double bond geometry as shown.

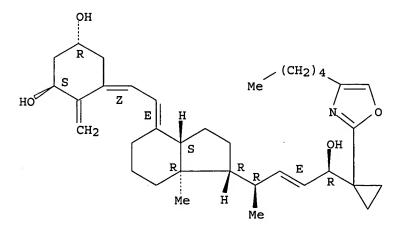
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(4-pentyl-2-oxazolyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C35 H51 N O4

Absolute stereochemistry.

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-propyl-2-thiazolyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C33 H47 N O3 S

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IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(3-propyl-1,2,4-oxadiazol-5-yl)cyclopropyl]-, tri-4-pyridinecarboxylate (ester), (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C50 H55 N5 O7

Absolute stereochemistry.
Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 20-methyl-24-[1-(5-methyl-2-thiazolyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24S)- (9CI)

MF C32 H45 N O3 S

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-butyl-2-pyridinyl)cyclopropyl]-, (1α,3β,5Ζ,7Ε,22Ε,24S)- (9CI)

MF C36 H51 N O3

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 370 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(4-methyl-2-thienyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)

MF C32 H44 O3 S

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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IN 9,10-Secochola-5,7,10(19),22-tetraene-1,3,24-triol, 24-[1-(5-butyl-2-thiazolyl)cyclopropyl]-, (1α,3β,5Z,7E,22E,24R)- (9CI)
MF C34 H49 N O3 S

Absolute stereochemistry.

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L14

STR

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L5
            443 S E3-E14, E42, E43
                E THIEROFF E/AU
L6
             27 S E4-E7
                E ECKERDT/AU
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L7
              6 S E9
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L8
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L9
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                E FAHNRICH M/AU.
L10
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L27
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L39
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FILE 'REGISTRY' ENTERED AT 07:40:42 ON 17 AUG 2005

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